



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#17/Pee Amdt C

Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge.
Assignee: LumiLeds Lighting U.S., LLC
Title: Multi-Layer Highly Reflective Ohmic Contacts for Semiconductor Devices
Serial No.: 09/469,652 Filing Date: December 22, 1999
Examiner: Chu, C. Group Art Unit: 2815
Docket No.: M-9197 US

8/22/02
VS

San Jose, California
August 9, 2002

BOX RCE
COMMISSIONER FOR PATENTS
Washington, D. C. 20231

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PRELIMINARY AMENDMENT

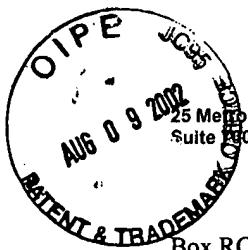
Dear Sir:

This amendment accompanies a Request for Continued Examination and a Petition for Extension of Time. Applicants request entry of this amendment before continuing with the Examination. This is a response to the Final Office Action of April 9, 2002.

IN THE CLAIMS

The following is a clean version of the entire set of pending claims. The present submission amends Claims 1 and 11, to read as indicated below. In accordance with 37 CFR §1.121(c)(1)(ii), marked up versions of the amended claims containing the newly introduced changes are included in Appendix A attached.

- SUB
D2
A1
1. (Three times amended) A light-emitting device comprising:
a semiconductor heterostructure including at least one p-type layer and one n-type layer;
a p contact and an n contact, the p contact electrically connected to the p-type layer, the n contact electrically connected to the n-type layer, wherein at least one of the p and n contacts is a multi-layer contact external to the semiconductor heterostructure and including a



08-12-02

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Docket No.: M-9197 US

August 9, 2002

Box RCE
Commissioner For Patents
Washington, D.C. 20231

Re: Applicants: Wierer, Jonathon; Krames, Michael; Rudaz, Serge
Assignee: LumiLeds Lighting U.S., LLC
Title: Multi-Layer Highly Reflective Ohmic Contacts For Semiconductor Devices
Serial No.: 09/469,652
Examiner: C. Chu
Docket No.: M-9197 US Filed: December 22, 1999
Group Art Unit: 2815

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- (1) Return Receipt Postcard;
(2) This Transmittal Letter (in duplicate);
(3) Transmittal Letter (1 p.);
(4) Preliminary Amendment (6 pp.);
(5) Request for Continued Examination (RCE) (1 p.); and
(6) Petition for Extension of Time (1 p.).

- No additional fee is required.
 The fee has been calculated as shown below:

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CLAIMS AS AMENDED

	Claims Remaining <u>After Amendment</u>		Highest No. Previously Paid For		Present Extra	Rate		Additional Fee
Total Claims	16	Minus	20	=	0	x \$18.00	\$	0.00
Independent Claims	2	Minus	3	=	0	x \$84.00	\$	0.00
<input type="checkbox"/> Fee of _____ for the first filing of one or more multiple dependent claims per application						\$		
<input checked="" type="checkbox"/> Fee for Request for Extension of Time (one month)						\$		110.00
<input checked="" type="checkbox"/> Fee for Request for Continued Examination (RCE)						\$		740.00
Total additional fee for this Amendment:							\$	<u>850.00</u>

- Conditional Petition for Extension of Time: If an extension of time is required for timely filing of the enclosed document(s) after all papers filed with this transmittal have been considered, an extension of time is hereby requested.
- Please charge our Deposit Account No. 19-2386 in the amount of \$ 850.00
- Also, charge any additional fees required and credit any overpayment to our Deposit Account No. 19-2386.

Total: \$ 850.00

EXPRESS MAIL LABEL NO.:

EL 937 077 767 US

Respectfully submitted,
Norman Klivans
Norman R. Klivans
Attorney for Applicants
Reg. No. 33,003